

COMBINED DECLARATION FOR PATENT  
APPLICATION AND POWER OF ATTORNEY  
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER  
19603/447 (CRF D-1593B)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING COUPLED LIGASE  
DETECTION AND POLYMERASE CHAIN REACTIONS**

the specification of which (check only one item below):

- ☐ is attached hereto.
- ☒ was filed as U.S. Patent Application Serial No. 09/440,523 on November 15, 1999 and was amended on \_\_\_\_\_ (if applicable).
- ☐ was filed as PCT International Application Number \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (If PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
United States	60/018,532	29 MAY 1996	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

**COMBINED INFORMATION FOR PATENT  
APPLICATION AND POWER OF ATTORNEY (Continued)**  
(Includes Reference to PCT International Applications)

**ATTORNEY'S DOCKET NUMBER**  
**19603/447 (CRF D-1593B)**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112. I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:**

**U.S. APPLICATIONS**

**STATUS (Check One)**

U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
08/864,473	28 MAY 1997		X	

**PCT APPLICATIONS DESIGNATING THE U.S.**

PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **Michael L. Goldman, Registration No. 36,727; Gunnar G. Leinberg, Registration No. 35,584; Dennis M. Connolly, Registration No. 40,964; Edwin V. Merkel, Registration No. 40,087, Georgia Caton, Registration No. P-44,597**

Send Correspondence to:

**Michael L. Goldman  
NIXON PEABODY LLP  
Clinton Square, P.O. Box 1051  
Rochester, New York 14603**

Direct telephone calls to:  
**Michael L. Goldman  
(716) 263-1304**

201	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP United States
	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63 <sup>rd</sup> Street, Apt. 12C	CITY New York	STATE & ZIP CODE/COUNTRY New York 10021/USA
202	FULL NAME OF INVENTOR	FAMILY NAME Lubin	FIRST GIVEN NAME Matthew	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Rye Brook	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP United States
	POST OFFICE ADDRESS	P.O. ADDRESS 20 Magnolia Drive	CITY Rye Brook	STATE & ZIP CODE/COUNTRY New York 10573-1820/USA
203	FULL NAME OF INVENTOR	FAMILY NAME Belgrader	FIRST GIVEN NAME Phillip	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Manteca	STATE/FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP United States
	POST OFFICE ADDRESS	P.O. ADDRESS 719 Pebble Way	CITY Manteca	STATE & ZIP CODE/COUNTRY California 95336/USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Mr. F. Barany</i>	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE 1/26/00	DATE	DATE

<b>COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued)</b> (Includes Reference to PCT International Applications)				<b>ATTORNEY'S DOCKET NUMBER</b> <b>19603/447 (CRF D-1593B)</b>	
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:					
PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:					
U.S. APPLICATIONS			STATUS (Check One)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
08/864,473	28 MAY 1997		X		
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
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Send Correspondence to: <b>Michael L. Goldman NIXON PEABODY LLP Clinton Square, P.O. Box 1051 Rochester, New York 14603</b>			Direct telephone calls to: <b>Michael L. Goldman (716) 263-1304</b>		
201	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE/FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	P.O. ADDRESS	CITY	STATE & ZIP CODE/COUNTRY	
		Barany	Francis		
		New York	New York	United States	
		450 E. 63 <sup>rd</sup> Street, Apt. 12C	New York	New York 10021/USA	
202	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE/FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	P.O. ADDRESS	CITY	STATE & ZIP CODE/COUNTRY	
		Lubin	Matthew		
		Rye Brook	New York	United States	
		20 Magnolia Drive	Rye Brook	New York 10573-1820/USA	
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE/FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	P.O. ADDRESS	CITY	STATE & ZIP CODE/COUNTRY	
		Belgrader	Phillip		
		Manteca	California	United States	
		719 Pebble Way	Manteca	California 95336/USA	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.					
SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202		SIGNATURE OF INVENTOR 203	
		<i>Matthew B. Lubin</i>			
DATE		DATE		DATE	
		1/22/2000			

**COMBINED DECLARATION FOR PATENT  
APPLICATION AND POWER OF ATTORNEY (Continued)**  
(Includes Reference to PCT International Applications)

**ATTORNEY'S DOCKET NUMBER**  
**19603/447 (CRF D-1593B)**

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**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:**

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
08/864,473	28 MAY 1997		X	
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PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		

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Send Correspondence to:	<b>Michael L. Goldman NIXON PEABODY LLP Clinton Square, P.O. Box 1051 Rochester, New York 14603</b>	Direct telephone calls to: <b>Michael L. Goldman (716) 263-1304</b>
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201	FULL NAME OF INVENTOR	FAMILY NAME <b>Barany</b>	FIRST GIVEN NAME <b>Francis</b>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <b>New York</b>	STATE/FOREIGN COUNTRY <b>New York</b>	COUNTRY OF CITIZENSHIP <b>United States</b>
	POST OFFICE ADDRESS	P.O. ADDRESS <b>450 E. 63<sup>rd</sup> Street, Apt. 12C</b>	CITY <b>New York</b>	STATE & ZIP CODE/COUNTRY <b>New York 10021/USA</b>
202	FULL NAME OF INVENTOR	FAMILY NAME <b>Lubin</b>	FIRST GIVEN NAME <b>Matthew</b>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Rye Brook</b>	STATE/FOREIGN COUNTRY <b>New York</b>	COUNTRY OF CITIZENSHIP <b>United States</b>
	POST OFFICE ADDRESS	P.O. ADDRESS <b>20 Magnolia Drive</b>	CITY <b>Rye Brook</b>	STATE & ZIP CODE/COUNTRY <b>New York 10573-1820/USA</b>
203	FULL NAME OF INVENTOR	FAMILY NAME <b>Belgrader</b>	FIRST GIVEN NAME <b>Phillip</b>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Manteca</b>	STATE/FOREIGN COUNTRY <b>California</b>	COUNTRY OF CITIZENSHIP <b>United States</b>
	POST OFFICE ADDRESS	P.O. ADDRESS <b>719 Pebble Way</b>	CITY <b>Manteca</b>	STATE & ZIP CODE/COUNTRY <b>California 95336/USA</b>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203 <i>+129/00 Phillip Belgrader</i>
DATE	DATE	DATE <i>1/29/00</i>